

Title (en)

Spare parts for, and a method of, repairing turbine blades.

Title (de)

Ersatzteile und Verfahren zur Reparatur von Turbinenschaufeln.

Title (fr)

Pièces de rechange et méthode pour la réparation d'aubes de turbine.

Publication

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Application

EP 87118493 A 19871214

Priority

GB 8630502 A 19861220

Abstract (en)

A spare part for, and a method of, repairing a high velocity fluid flow machine part, for example a turbine blade (10) comprises an insert (20) which may be made from a piece of material the same as the turbine blade (10) and prior to attachment to the blade has an edge region (21) hardened by any suitable means, for example induction hardening, or with a first part made from a durable material and a second part of a material compatible with the blade material, the insert (20) then being secured to the blade (10) by welding or brazing, the weld or braze material being of a relatively soft nature to provide a cushion between the insert and the blade so as to minimise the occurrence of stress corrosion cracking.

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CPC (source: EP US)

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Citation (search report)

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- [Y] FR 2040295 A1 19710122 - BOEHLER & CO AG GEB
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